

Anti-ICT1 Antibody

CATALOG NO.: A1872-100 100 µl.

BACKGROUND DESCRIPTION: The protein encoded by this gene is a peptidyl-tRNA hydrolase and a vital component of the large mitochondrial ribosome. The encoded protein serves as a ribosome release factor for this ribosome, which translates mitochondrial genes. This protein may be responsible for degrading prematurely-terminated polypeptides and for reusing stalled ribosomes. Two transcript variants encoding different isoforms have been found for this gene.

ALTERNATE NAMES: ICT1, DS-1, MRPL58, DS1, MRP-L58, mitochondrial ribosomal protein L58.

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / Rabbit IgG.

IMMUNOGEN: Recombinant fusion protein containing a sequence corresponding to amino acids 30-206 of human ICT1 (NP_001536.1).

PURIFICATION: Affinity purification.

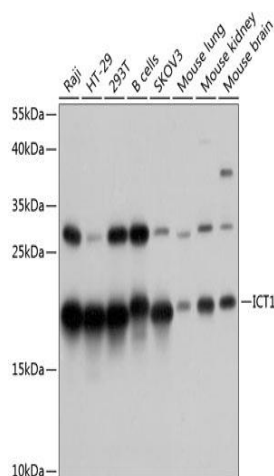
FORM: Liquid.

FORMULATION: Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

SPECIES REACTIVITY: Rat.
Mouse.
Human.

STORAGE CONDITIONS: Store at -20°C; Avoid freeze / thaw cycles.

APPLICATIONS AND USAGE: IHC 1:100 - 1:200.
WB 1:500 - 1:2000.



Western blot analysis of extracts of various cell lines, using ICT1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

RELATED PRODUCTS:

- Anti-MRPS18C Antibody (A1407)

FOR RESEARCH USE ONLY! Not to be used on humans.